



RED ROSE MUSIC

Rosebud
MK II

Studio Reference
Monitor

Owner's Manual

Red Rose Music, Inc
New York, NY

Introduction to Red Rose Music

Dear Music Lover,

Since 1972, I have been committed to developing state of the art audio products which enhance our love of music.

It is clear that the audio world has become oriented towards complexity and mediocrity. Even high price tags do not guarantee sonic quality or a good investment. In December of 1998, I founded Red Rose Music to focus on a return to quality and simplicity. We nourish the love of music by making products with exceptional qualities, by taking care of our customers, and by taking a stand in the industry for what is right, not just expedient.

In the past, products of my design have often been associated with stratospheric cost. Using breakthrough technology in combination with proven principles of the past, Red Rose Music offers more human, natural sound. In addition, we offer it at more affordable prices and in compact packaging. The people who design and handcraft Red Rose equipment are passionate, dedicated, gifted and committed individuals. It is my privilege to work with them.

Thank you for choosing Red Rose Music equipment.

You have selected well.

—Mark Levinson, CEO

Red Rose Music

We would love to hear from you!

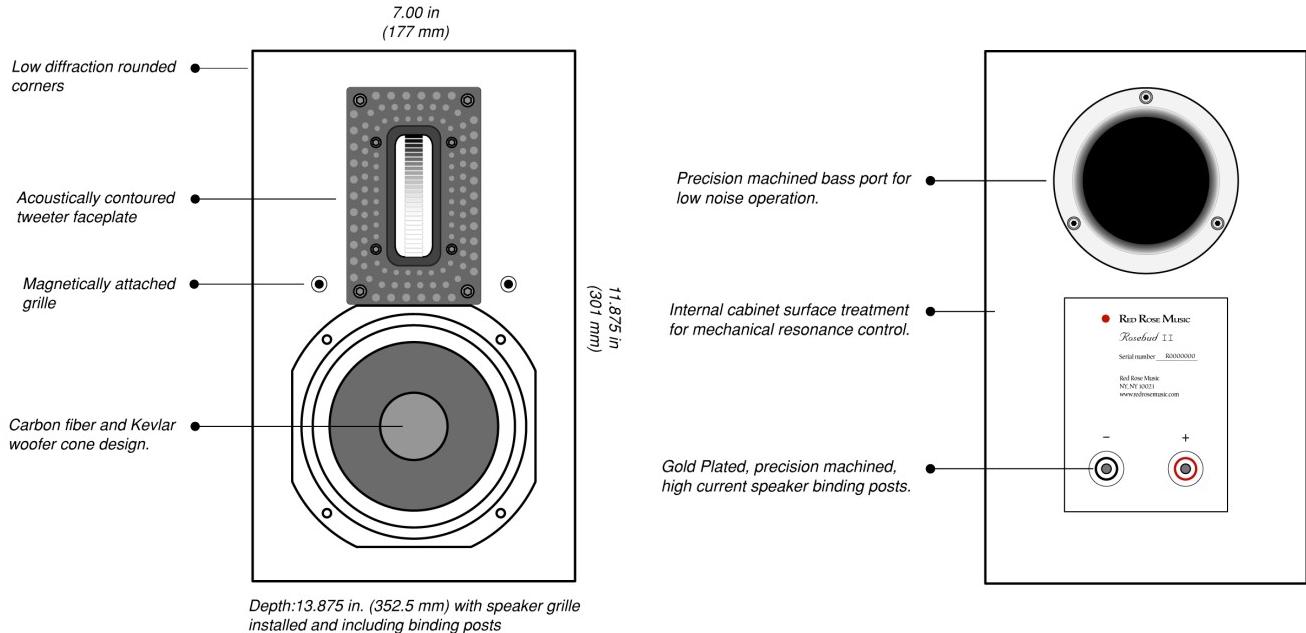
marklevinson@earthlink.net

Rosebud MKII Speaker Manual

Version 1.0

Rosebud Speakers

The Rosebud II Ribbon Speaker is compact and affordable, but world-class in performance. It offers a combination of natural sound, detail, timbre, imaging, deep bass and punch that seem unlikely to come from such a small speaker.



Rosebud MK II

Features

Cabinet

- High quality MDF (medium density fiber-board)
- Internal horizontal plane bracing adds extreme rigidity
- Internal cabinet surface treated with borosilicate reduces unwanted resonance
- Low diffraction front baffle design
- Beautiful veneer with polyester piano finish
- Magnetically attached speaker grille
- Custom machined, high current binding posts

Cross-over

- Woofer utilizes a second order filter while the tweeter utilizes a modified first order filter
- Separate tweeter and woofer cross-over boards reduces unwanted cross coupling
- Highest quality components used-
 - MIT and Solen film capacitors
 - North/Ohmite resistors
 - North Crescendo film/foil capacitors
 - Red Rose Music 336 internal wiring
 - Custom designed woofer inductor

Drivers

- Pure Aluminum ribbon tweeter (Alum. element dim. - 2.68" long x .325" wide x .000425" thick)
- Computer designed, acoustically contoured tweeter faceplate
- Carbon-fiber and Kevlar® coned woofer improves linearity of the woofer
- Precision machined and acoustically optimized bass port

Speaker Placement and Installation

The Rosebud MK II speakers can produce excellent sound in any location. Therefore, you should use these guidelines as a starting point and make minor adjustments to the height and position of the speakers and other objects in the room until you find the combination that sounds best to you.

As a general rule, the distance between the front plane of the speakers and the front wall of your listening room should be approximately 20% of the total length of the room; the distance from each speaker to the closest side wall should be about 20% of the total width of the room. The distance from the listener's chair or couch to the wall behind the listener should be about the same as the distance between the speakers and the front wall.

Fig. 1 – shows the relative positions of the two speakers and the listening position. The front of each speaker should be angled toward the listening position.

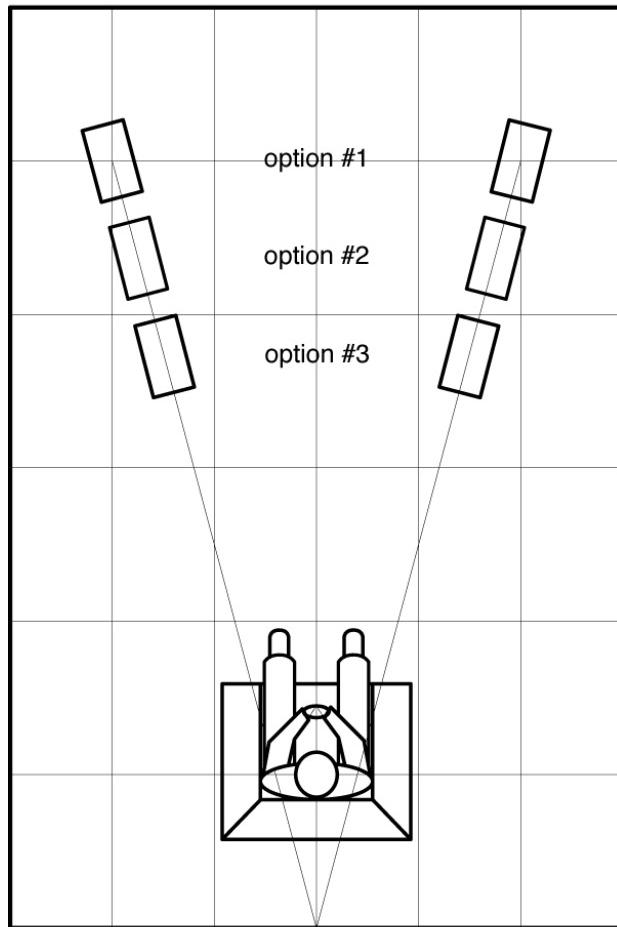


Fig. 1

Fig. 2– Place each speaker on a speaker stand, about 26 – 30 inches (about 65 to 72 centimeters) above the floor. You should note that the optimum stand height is the one that places your ear/ seating height approximately 1" above the top edge of speaker.

Fig. 3 and 4 –illustrate an option of tilting the front of the speaker backward. The vertical dispersion of the speaker is altered when the front of the speaker is raised about 1/8-inch to 1/4-inch (about 1 centimeter) higher than the back.

Fig.3–Most speaker stand platforms feature small adjustment spikes that allow you to elevate the front of the speaker.

Fig. 4–Adjusting spike feet on the front of the stands will also achieve this effect.

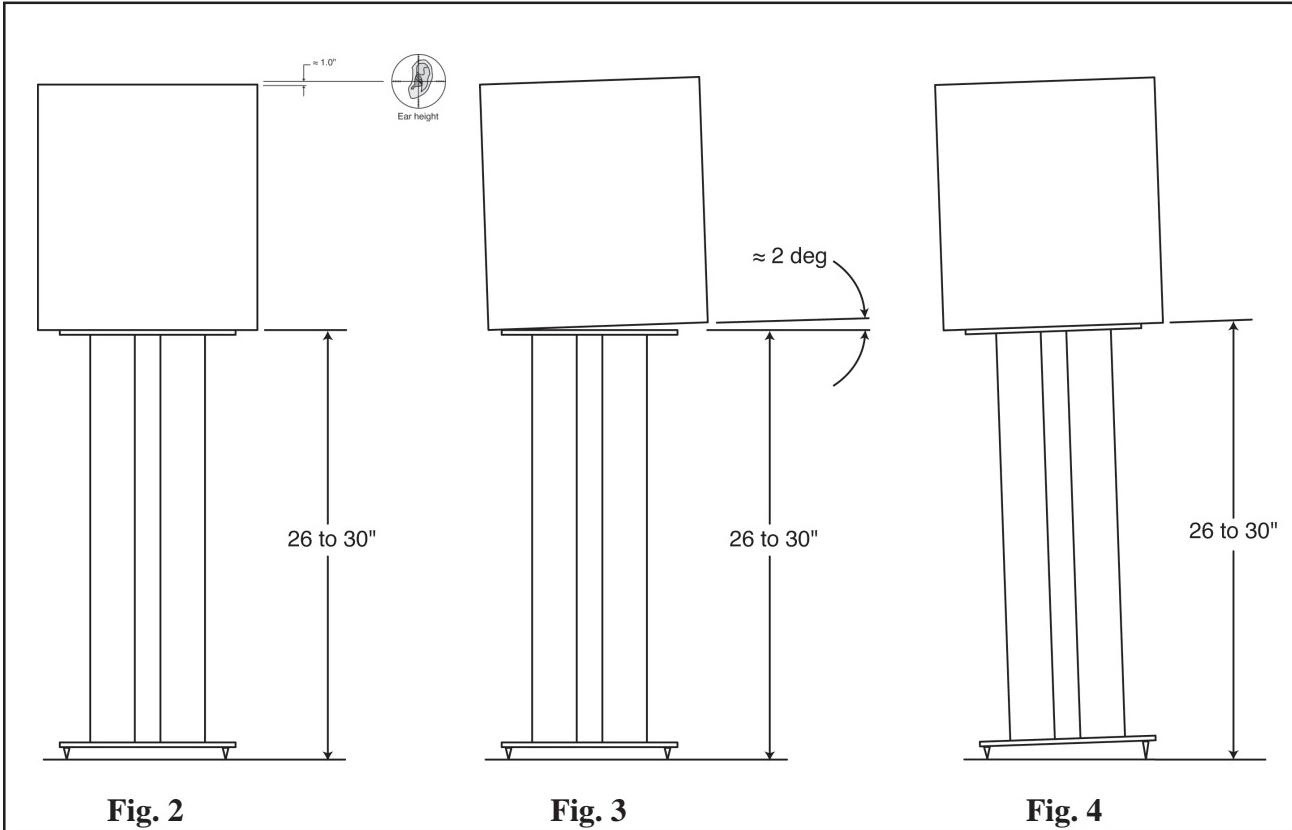


Fig. 2

Fig. 3

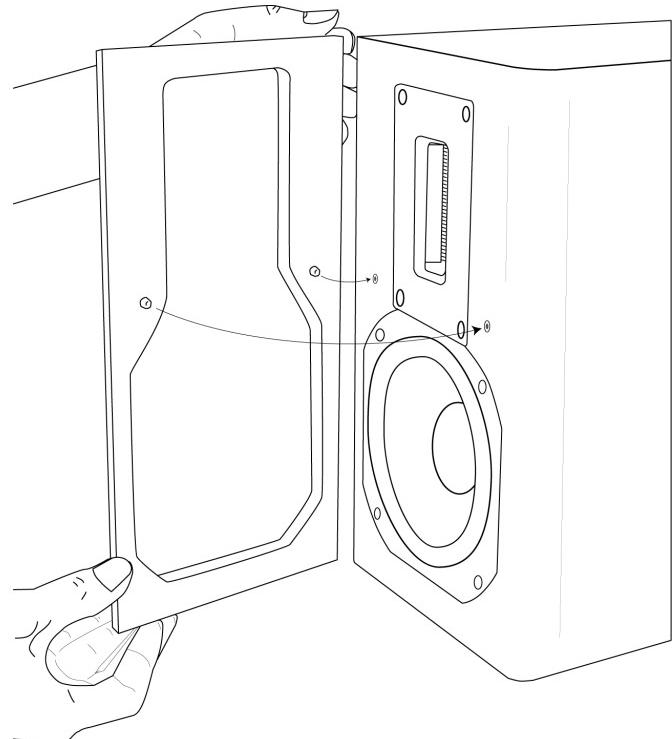
Fig. 4

Please be advised that the magnets used in the ribbon tweeters are very strong so keep all metal objects at least 6 inches away from the front of the speaker.

Installing the Speakers

Each speaker has a clear plastic sheet over the ribbon enclosure to protect the ribbon during shipping. When you are ready to install the speakers, follow these steps to remove the cover: Note that the grille is magnetically attached.

1. Pull the cloth grille cover away from the speaker cabinet at each corner.
2. Remove the plastic cover that is in front of the ribbon. Save the plastic tape cover along with the shipping carton for use when you have to pack the speakers for shipment.
3. Carefully guide each pin from the grille and align into the receiving sockets located in the speaker cabinet.



Connecting to your amplifier

The cables you use to connect the speakers to your power amplifier can have a significant effect on the sound of your audio system. Your Red Rose Music dealer can recommend appropriate speaker cables for the distance between the amplifier and the speakers such as our own 336J speaker cable.

Each speaker has two terminals on the rear panel. The terminals are binding posts that can accept spade lugs, pins, banana plugs or bare wires. If you are using wires without plugs or pins, unscrew the large nut on each post until you can see the hole in the binding post. Push the bare end of each wire through a hole and tighten the nut.

Make sure the cables connected to both speakers are in phase with each other: connect the (+) binding post on the amplifier to the (+) terminal on the speaker, and the (-)binding post on the amplifier to the (-) terminal on the speaker.

Some speaker stands have access holes that you can use to fill them with sand, lead shot or some other heavy material. Filling your stands will generally make them more stable (because the center of gravity will be closer to the floor), and less resonant. You may also hear an improvement in your speakers' bass performance when you fill the stands.

Many speaker owners use an adhesive material such as Bostik Blu-Tack® to attach the bottom of the speakers to the top of the stands, and to reduce the danger of damage when a speaker slides off the stand if somebody bumps into it. Red Rose Music neither recommends nor discourages the use of an adhesive, but if you choose to use one, place a small piece of adhesive under each corner of the speaker where it mates to the speaker platform. When you want to remove the speaker from the stand, remember to twist the speaker before you lift it off the stand, in order to avoid damage to the speaker's wood finish.

Cleaning Your Speakers

To prevent damage to the delicate ribbon drivers in your Rosebud speakers, do not vacuum the front panel grille cloth when it is mounted on the speakers. Always remove the grille cloth panels before you clean them.

The wood cabinets have a clear sealed piano finish, so it is not necessary to use any kind of wax or other wood treatment on them. To clean the cabinets, use a slightly damp, soft cloth. Avoid using any abrasive compounds on the cabinet.

Specifications

Dimensions	LxWxH 13.875 x 7.00 x 11.875 inches (35.25 x 17.7 x 30.1 cm)
Speaker weight	19.0 lb each (8.62 kg)
Tweeter	Lightning Model 2 aluminum ribbon
Woofer	5-inch carbon fiber and Kevlar® cone
Break-in period	50 hours minimum playing time
Impedance	8 ohms nominal
Maximum Power	60 watts continuous RMS
Rating	90 watts music 160 watts peak
Sensitivity	87 dB /w/m
Frequency Range	100 Hz – 20 kHz (± 3dB)
Low frequency	100 Hz -0 dB Ref, 66 Hz -6 dB anechoic -10 dB 50 Hz
In-room response	50 Hz -6dB
Cabinet	MDF board .875 in. , Rosewood or French sycamore sealed with polyester piano wood finish

Warranty and Service

Your Rosebud speakers are warranted to be free of defects for three years after original purchase. If a speaker fails to perform within the original specifications during the warranty period, we will repair or replace it at our option. The warranty does not apply to damage caused by physical abuse to the speaker, or unauthorized modifications or repairs performed by anybody except Red Rose Music or its dealers, distributors, importers or designated service agents.

This warranty specifically excludes consequential damage to other devices connected to a speaker. Red Rose Music is not responsible for any consequential damage.

If a speaker requires service, you may either consult your Red Rose Music dealer, or send it directly to Red Rose Music. If you choose to return it to the factory, please telephone first. If we can diagnose the problem by telephone, we may be able to tell you how to fix it without the inconvenience and expense of packing and shipping the speakers.

Please do not send us your speakers until we give you a return authorization. You are responsible for the cost of shipping to the factory; if the product is still under warranty, we will return it to you at our expense.

You can reach Red Rose Music's service department at this address:

Red Rose Music
2759 152nd Avenue NE
Redmond, Washington 98052 USA
Voice: 425-869-8482
Fax: 425-869-1873
e-mail: support@redrosemusic.com

Outside the United States and Canada, please contact your dealer or importer first. Please use the original packing materials when you ship a speaker to us. If you did not save the original box, let us know when you request a return authorization, and we will send you another box. We will charge you for the replacement box at our cost.